



VMware Cloud Foundation Guide

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What's New

Changes made in the last 7 days include:

None

Introduction

VMware Cloud Foundation is VMware's new unified SDDC platform for private and public clouds. VMware Cloud Foundation brings together VMware's compute, storage, and network virtualization into a natively integrated stack, delivering enterprise-ready cloud infrastructure with unique automation and management capabilities for simplified operations that is consistent across private and public clouds.

VMware Cloud Foundation is delivered to customers as a single software package that combines multiple components of VMware's SDDC stack into an integrated stack that is deployed and maintained as a unit.

Partner Name	Model	Workload Profile	ReadyNode Generation	Raw Storage Capacity
Cisco	HY-8-Cisco-UCS C240 M5	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	24
Cisco	AF-6:Cisco UCS C240 M5	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	9.6
Cisco	AF-8-Cisco-UCS C240 M5	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	32
Cisco	HY-6: Cisco UCS C240 M4	HY-6 Series	12G I/O controllers	42
Cisco	HY-8: Cisco UCS C240 M4	HY-8 Series	12G I/O controllers	16.8
Cisco	AF-6: Cisco UCS C240 M4	AF-6 Series	12G I/O controllers	11.2
Cisco	AF-8: Cisco UCS C240 M4	AF-8 Series	12G I/O controllers	22.4
DELL	HY-6-DELLEMC-R640	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	10.8
DELL	HY-6-DELLEMC-R740xd	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	18
DELL	HY-6-DELLEMC-R740	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	14.4
DELL	HY-8-DELLEMC-R740xd	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	25.2
DELL	AF-6-DELLEMC-R740xd	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	38.4
DELL	AF-6-DELLEMC-R640	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
DELL	AF-6-DELLEMC-R740	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	30.72
DELL	AF-6-DELLEMC-R740xd	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	38.4
DELL	AF-6-DELLEMC-R640	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
DELL	AF-8-DELLEMC-R740xd	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	80.64

Partner Name	Model	Workload Profile	ReadyNode Generation	Raw Storage Capacity
DELL	AF-8-DELLEMC-R740	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	46.08
DELL	AF-8-DELLEMC-R640	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	15.36
DELL	AF-8-DELLEMC-R740xd	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	40.32
DELL	AF-8-DELLEMC-R640	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	15.36
DELL	AF-4-DELLEMC-R640	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	7.68
DELL	AF-4-DELLEMC-R640	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	7.68
DELL	HY-4: DELL R630	HY-4 Series	12G I/O controllers	5
DELL	HY-4: DELL R630	HY-4 Series	12G I/O controllers	5
DELL	HY-6: DELL 730xd	HY-6 Series	12G I/O controllers	7.2
DELL	HY-6: DELL R730xd	HY-6 Series	12G I/O controllers	14.4
DELL	HY-6: DELL R730	HY-6 Series	12G I/O controllers	8.4
DELL	HY-8: DELL R730	HY-8 Series	12G I/O controllers	15.27
DELL	HY-8: DELL R730xd	HY-8 Series	12G I/O controllers	21.6
DELL	AF-8: DELL R730	AF-8 Series	12G I/O controllers	17.88
DELL	AF-8: DELL-R730xd	AF-8 Series	12G I/O controllers	40.32
DELL	AF-8-DELL-R730xd	AF-8 Series	12G I/O controllers	40.32
DELL	AF-4: DELL R630	AF-4 Series	12G I/O controllers	6.4
DRUVA TECHNOLOGIES PTE. LTD.	HY-4: HPE DL380 Gen9	HY-4 Series	12G I/O controllers	4
Fujitsu	HY4-Fujitsu-RX2530M4	HY-4 Series	Intel Xeon Scalable (Skylake-SP)	4.8
Fujitsu	HY6-Fujitsu-RX2530M4	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	9.6
Fujitsu	HY8-Fujitsu-RX2540M4	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	14.4
Fujitsu	AF6-Fujitsu-RX2540M4	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	9.6
Fujitsu	AF6-Fujitsu-RX2530M4 vCF	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	12.8
Fujitsu	AF8-Fujitsu-RX2540M4	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Fujitsu	AF8-Fujitsu-RX2530M4 vCF	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Fujitsu	AF4-Fujitsu-RX2540M4	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	4.8
Fujitsu	HY-6-Fujitsu-RX2530 M2 vCF2	HY-6 Series	12G I/O controllers	9.6
HP	HY-4: HPE DL380 Gen10 - SAS	HY-4 Series	Intel Xeon Scalable (Skylake-SP)	4
HP	HY-6: HPE DL380 Gen10 - SAS	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	10
HP	HY-8: HPE DL380 Gen10 with SAS Expander - SAS	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	25
HP	AF-6: HPE DL380 Gen10 - SAS	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	22.4
HP	AF-6: HPE Synergy Gen10	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	6
HP	AF-8: HPE Synergy Gen10	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	56
HP	AF-8: HPE Synergy Gen10	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	56
HP	AF-8: HPE DL380 Gen10 with SAS Expander - SAS	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	80

Partner Name	Model	Workload Profile	ReadyNode Generation	Raw Storage Capacity
HP	AF-4: HPE Synergy Gen10	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	12.8
HP	AF-4: HPE DL380 Gen10 - SAS	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	9.6
HP	HY-4: HPE DL360 Gen9	HY-4 Series	12G I/O controllers	4
HP	HY-4: HPE DL380 Gen9	HY-4 Series	12G I/O controllers	4
HP	HY-4: HPE DL360 Gen9	HY-4 Series	12G I/O controllers	4
HP	HY-6: HPE DL360 Gen9	HY-6 Series	12G I/O controllers	8
HP	HY-6: HPE DL360 Gen9	HY-6 Series	12G I/O controllers	8
HP	HY-6: HPE DL380 Gen9	HY-6 Series	12G I/O controllers	10
HP	HY-6: HPE DL380 Gen9	HY-6 Series	12G I/O controllers	10
HP	HY-8: HPE DL360 Gen9	HY-8 Series	12G I/O controllers	8
HP	HY-8: HPE DL380 Gen9	HY-8 Series	12G I/O controllers	16.8
HP	HY-8: HPE DL360 Gen9	HY-8 Series	12G I/O controllers	8
HP	HY-8: HPE DL360 Gen9	HY-8 Series	12G I/O controllers	9.6
HP	HY-8: HPE DL380 Gen9	HY-8 Series	12G I/O controllers	12
HP	AF-6: HPE DL360 Gen9	AF-6 Series	12G I/O controllers	6.4
HP	AF-6: HPE DL360 Gen9	AF-6 Series	12G I/O controllers	8
HP	AF-6: HPE DL380 Gen9	AF-6 Series	12G I/O controllers	11.5
HP	AF-6: HPE DL380 Gen9	AF-6 Series	12G I/O controllers	6.4
HP	AF-6: HPE DL380 Gen9	AF-6 Series	12G I/O controllers	8
HP	AF8: DL380Gen9AF8 - 3	AF-8 Series	12G I/O controllers	33.6
HP	AF8-HPE DL380 Gen 9	AF-8 Series	12G I/O controllers	12.8
HP	AF-8: HPE DL360 Gen9	AF-8 Series	12G I/O controllers	12.8
HP	Model: AF-8: HPE DL380 Gen9	AF-8 Series	12G I/O controllers	12.8
HP	AF-4: HPE DL380 Gen9	AF-4 Series	12G I/O controllers	7.7
HP	AF-4: HPE DL360 Gen9	AF-4 Series	12G I/O controllers	3.8
Hitachi Vantara	HY4-Hitachi Vantara-UCP HC V120- series	HY-4 Series	Intel Xeon Scalable (Skylake-SP)	4.8
Hitachi Vantara	HY6-Hitachi Vantara-UCP HC V120- series	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	14.4
Hitachi Vantara	HY8-Hitachi Vantara-UCP HC V120- series	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	18
Hitachi Vantara	AF-6-HDS-UCP V120F-series	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	11.4
Hitachi Vantara	AF-6-HDS-UCP V121F-series	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	11.4
Hitachi Vantara	AF-8-HDS-UCP V120F-series	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	15.2
Hitachi Vantara	AF-4-HDS-UCP V120F-series	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	4.8
Hitachi Vantara	AF-4-HDS-UCP V121F-series	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	4.8
Hitachi Vantara	HY-4: HDS UCP V200-series	HY-4 Series	12G I/O controllers	11.7
Hitachi Vantara	AF-6-HDS-UCP V210F-series	AF-6 Series	12G I/O controllers	8
Hitachi Vantara	AF-8-HDS-UCP V210F-series	AF-8 Series	12G I/O controllers	12

Partner Name	Model	Workload Profile	ReadyNode Generation	Raw Storage Capacity
Hitachi Vantara	AF-4-HDS-UCP V210F-series	AF-4 Series	12G I/O controllers	4
Lenovo	HY-6 Lenovo ThinkAgile VX7520 Appliance	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	9.6
Lenovo	HY-6-Lenovo-ThinkAgile VX 2U Certified Node	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	9.6
Lenovo	HY-8-Lenovo-ThinkAgile VX 2U Certified Node	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	14.4
Lenovo	HY-8 Lenovo ThinkAgile VX7520 Appliance	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	14.4
Lenovo	AF-6 Lenovo ThinkAgile VX7520 Appliance	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	7.68
Lenovo	AF-6 Lenovo ThinkAgile VX7520 Appliance	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	30.72
Lenovo	AF-6 Lenovo ThinkAgile VX3320 Appliance	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	7.68
Lenovo	AF-6-Lenovo-ThinkAgile VX 2U Certified Node	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	30.72
Lenovo	AF-6 Lenovo ThinkAgile VX7520 Appliance	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	12.8
Lenovo	AF-6 Lenovo ThinkAgile VX3320 Appliance	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	12.8
Lenovo	AF-6-Lenovo-ThinkAgile VX 2U Certified Node	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	12.8
Lenovo	AF-6 Lenovo ThinkAgile VX 2U Certified Node	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	7.68
Lenovo	AF-6 Lenovo ThinkAgile VX7520 Appliance	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Lenovo	AF-6 Lenovo ThinkAgile VX3320 Appliance	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Lenovo	AF-6-Lenovo-ThinkAgile VX 2U Certified Node	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Lenovo	AF-8 Lenovo ThinkAgile VX7520 Appliance	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Lenovo	AF-8 Lenovo ThinkAgile VX7520 Appliance	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	61.44
Lenovo	AF-8-Lenovo-ThinkAgile VX 2U Certified Node	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	61.44
Lenovo	AF-8 Lenovo ThinkAgile VX7520 Appliance	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	16

Partner Name	Model	Workload Profile	ReadyNode Generation	Raw Storage Capacity
Lenovo	AF-8-Lenovo-ThinkAgile VX 2U Certified Node	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	19.2
Lenovo	AF-8 Lenovo ThinkAgile VX 2U Certified Node	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	11.52
Lenovo	AF-8 Lenovo ThinkAgile VX7520 Appliance	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	30.72
Lenovo	AF-8-Lenovo-ThinkAgile VX 2U Certified Node	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	30.72
Lenovo	AF-4 Lenovo ThinkAgile VX7520 Appliance	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	3.84
Lenovo	AF-4 Lenovo ThinkAgile VX3320 Appliance	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	7.68
Lenovo	AF-4-Lenovo-ThinkAgile VX 1U Certified Node	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	6.4
Lenovo	AF-4-Lenovo-ThinkAgile VX 2U Certified Node	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	7.68
Lenovo	AF-4 Lenovo ThinkAgile VX3320 Appliance	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	3.84
Lenovo	AF-4 Lenovo ThinkAgile VX7520 Appliance	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	6.4
Lenovo	AF-4-Lenovo-ThinkAgile VX 1U Certified Node	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	7.68
Lenovo	AF-4 Lenovo ThinkAgile VX 2U Certified Node	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	3.84
Lenovo	AF-4 Lenovo ThinkAgile VX3320 Appliance	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	6.4
Lenovo	AF-4 Lenovo ThinkAgile VX7520 Appliance	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	7.68
Lenovo	AF-4 Lenovo ThinkAgile VX 1U Certified Node	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	3.84
Lenovo	AF-4-Lenovo-ThinkAgile VX 2U Certified Node	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	6.4
Nexenta Systems	HY-4: SMC Ultra 1U	HY-4 Series	12G I/O controllers	4
Quanta Computer Inc	HY4 -QCT-QuantaPlex T42S-2U	HY-4 Series	Intel Xeon Scalable (Skylake-SP)	36
Quanta Computer Inc	HY6-QCT-QuantaGrid D52BQ-2U	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	14.4
Quanta Computer Inc	HY6-QCT-QuantaGrid D52B-1U	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	14.4
Quanta Computer Inc	HY6 -QCT-QuantaPlex T42S-2U	HY-6 Series	Intel Xeon Scalable (Skylake-SP)	36
Quanta Computer Inc	HY8-QCT-QuantaGrid D52B-1U	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	18
Quanta Computer Inc	HY8-QCT-QuantaGrid D52BQ-2U	HY-8 Series	Intel Xeon Scalable (Skylake-SP)	18

Partner Name	Model	Workload Profile	ReadyNode Generation	Raw Storage Capacity
Quanta Computer Inc	AF6-QCT-QuantaPlex T42S-2U	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	38.4
Quanta Computer Inc	AF6-QCT-QuantaGrid D52B-1U	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Quanta Computer Inc	AF6-QCT-QuantaGrid D52BQ-2U	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Quanta Computer Inc	AF8-QCT-QuantaGrid D52B-1U	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	24
Quanta Computer Inc	AF8-QCT-QuantaGrid D52BQ-2U	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	19.2
Quanta Computer Inc	AF8-QCT -QuantaGrid D52B-1U	AF-8 Series	Intel Xeon Scalable (Skylake-SP)	19.2
Quanta Computer Inc	AF4-QCT-QuantaGrid D52B-1U	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	8
Quanta Computer Inc	AF4-QCT-QuantaPlex T42S-2U	AF-4 Series	Intel Xeon Scalable (Skylake-SP)	38.4
Quanta Computer Inc	HY4 -QCT-QuantaGrid D51B-2U	HY-4 Series	12G I/O controllers	12
Quanta Computer Inc	HY4-QCT-QuantaGrid D51B-1U	HY-4 Series	12G I/O controllers	9.4
Quanta Computer Inc	HY4-QCT-QuantaGrid D51B-1U	HY-4 Series	12G I/O controllers	9.6
Quanta Computer Inc	HY4-QCT-QuantaGrid D51PH-1ULH	HY-4 Series	12G I/O controllers	96
Quanta Computer Inc	HY4-QCT-QuantaGrid D51B-2U	HY-4 Series	12G I/O controllers	12
Quanta Computer Inc	HY6-QCT-QuantaGrid D51B-1U	HY-6 Series	12G I/O controllers	9.6
Quanta Computer Inc	HY6-QCT-QuantaGrid D51PH-1ULH	HY-6 Series	12G I/O controllers	16
Quanta Computer Inc	AF6-QCT-QuantaGrid D51B-2U	AF-6 Series	12G I/O controllers	11.4
Quanta Computer Inc	AF6-QCT-QuantaGrid D51B-1U	AF-6 Series	12G I/O controllers	12.8
Quanta Computer Inc	AF6-QCT-QuantaGrid D51B-1U	AF-6 Series	12G I/O controllers	15.36
Quanta Computer Inc	AF8-QCT-QuantaGrid D51B-1U	AF-8 Series	12G I/O controllers	15.36
Quanta Computer Inc	AF8-QCT-QuantaGrid D51B-2U	AF-8 Series	12G I/O controllers	15.2
Quanta Computer Inc	AF4-QCT-QuantaGrid D51B-2U	AF-4 Series	12G I/O controllers	4.8
Quanta Computer Inc	AF4-QCT-QuantaGrid D51B-1U	AF-4 Series	12G I/O controllers	13.44
Quanta Computer Inc	AF4-QCT-QuantaGrid D51B-1U	AF-4 Series	12G I/O controllers	7.68
Supermicro Computer Inc	AF-6-SMCI-BigTwin All-Flash NVMe-VMD-Enabled	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	8
Supermicro Computer Inc	AF-6-SMCI-BigTwin All-Flash SSD	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	8
Veeam	BullSequana S200	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Veeam	AF-6-DELLEMC-R440	AF-6 Series	Intel Xeon Scalable (Skylake-SP)	15.36
Veeam	AF-6-Cisco-UCS C240 M5	AF-6 Series	N/A	12.8
Veritas	AF-6: DELL FX2 FC630	AF-6 Series	12G I/O controllers	9.6

Footnotes:

None

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